Stealthbox®

INSTALLATION GUIDE
for the

SB-J-GCHER3/10W1v2
2005 - Up Jeep Grand Cherokee

Thank you for choosing a JL Audio Stealthbox® for your automotive sound system. With proper installation, your new vehicle-specific enclosed subwoofer system will deliver years of listening pleasure.

We strongly recommend that you have your new Stealthbox® installed by your authorized JL Audio dealer. The installation professionals employed by your dealer have the necessary tools and experience to disassemble and reassemble your vehicle properly. Also, keep in mind that your warranty coverage extends to 2 years if your system is installed or approved by your authorized JL Audio dealer. If you prefer to perform your own installation, please read this installation guide completely before beginning the process.

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! IMPORTANT

If you choose to perform the installation yourself, it is absolutely vital that the Stealthbox® be properly mounted to the vehicle according to these instructions. Failure to mount the enclosure properly presents two problems:

1) The sub-bass performance will suffer due to the movement of the enclosure caused by the force exerted by the woofer(s).

2) A loose enclosure presents a serious safety hazard in the event of a collision or sudden deceleration.

INSTALLATION DIFFICULTY:

2 OUT OF 5

ESTIMATED TIME:
1-2 HOURS

STEP 1
Remove any contents from the cargo area.

STEP 2
With a Phillips screw driver, remove the woofer from the Stealthbox®.

Place the Stealthbox® onto the right side wheel well/side panel (mounting location).

With a pencil or marker, mark the location of the mounting hole onto the side panel from inside the Stealthbox®.

STEP 3
Remove the Stealthbox® from the vehicle.

With an 3/8" drill bit and drill, drill a hole through the side plastic panel at the marked location from STEP 2.

There is a metal side panel that is located about 4" behind this plastic side panel. The metal side panel also needs to be drilled with the 3/8" drill bit. If the drill bit being used is more then 4" long, then once you're through the plastic panel you can then mark or drill through the metal panel.
If your drill bit is not long enough. Mark onto the metal panel with a pencil or marker, through the hole that was drilled through the plastic panel.

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STEP 4
Remove the tailgate's bottom sill plate.

STEP 5
Remove the false floor.

Remove the two mounting bolts that secure the flooring to the vehicle.

STEP 6
Remove the flooring from the vehicle.

STEP 7
With a small flat head screw driver, pop off the small cover that is located on the top half of the c-pillar.

With Phillips head screw driver, remove the screw that has been exposed.

Remove this top half of the c-pillar.

STEP 8
With a Phillips head screw driver, remove the screw from the front section of the plastic side panel.

STEP 9
With a Phillips head screw driver, remove the screw from the rear section of the plastic panel.

STEP 10
With an hex key, remove the screw and D-ring from the rear section of the plastic panel.

STEP 11
Remove the tailgate's upper sill plate.

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STEP 12
Remove the d-pillar plastic cover.

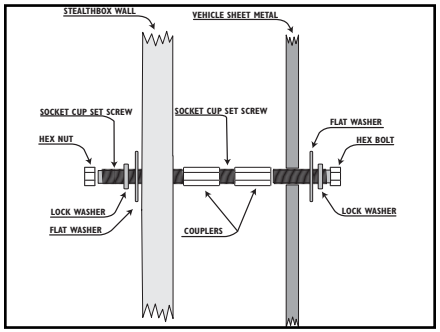
STEP 13
Remove the right rear door's sill plate.

STEP 14
Remove the plastic panel from the vehicle.

STEP 15
If needed, with the 3/8" drill bit and drill. Drill the metal panel were it was marked from STEP 3.

WARNING

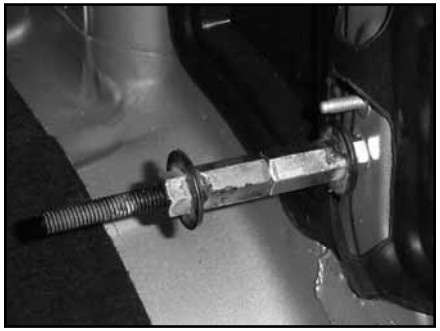
The metal behind this side panel is the outer metal of the vehicle.



STEP 16
The illustration to the left shows how all the supplied hardware makes up the mounting assembly.

Place a lock washer and then flat washer onto the hex bolt.

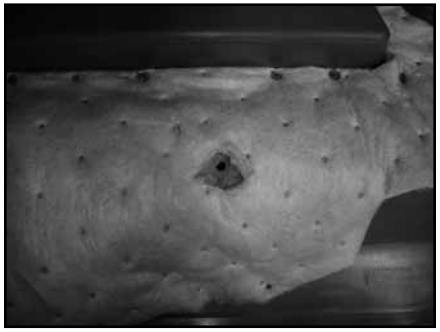
Place both coupler nuts onto one socket cup set screw. Make sure that there is enough room inside one of the couplers to allow the hex bolt to be properly inserted, look to **STEP 17**.
Fully thread in the second socket cup set screw into the other coupler.



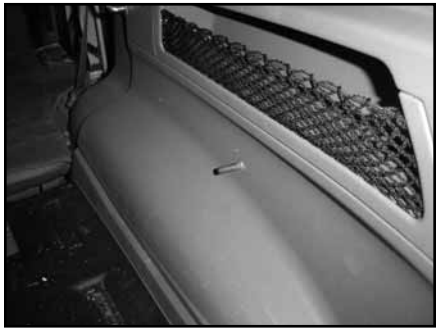
STEP 17
Place the hex bolt assembly through the drilled hole, from the back side of the metal panel.

Apply a wrench onto the coupler that is in front of the metal side panel.
Apply a 9/16-inch open end wrench to the hex bolt that is behind the metal panel.

Secure the mounting assembly to the metal side panel.



STEP 18
From the back side of the plastic side panel, cut out and remove the sound deadening that is around the drilled hole.



STEP 19
Place the plastic side panel back into place. Guide the socket cup set screw through the drilled hole. Only the socket cup set screw should protrude through the plastic panel.

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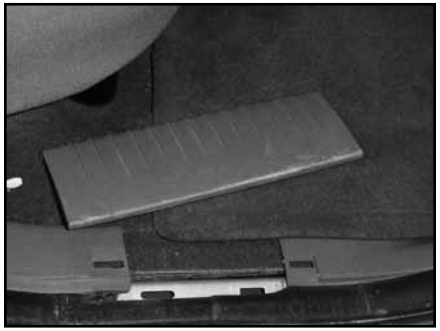
STEP 20
Run speaker wire from the amplifier location to the Stealthbox® location.

STEP 21
Place the Stealthbox® into the mounting area. Guide the exposed socket cup set screw through the hole on the back side of the Stealthbox®.

Place a supplied fender washer, flat washer, lock washer and hex nut onto the socket cup set screw that is exposed inside the Stealthbox®.

STEP 22
Wire and mount the woofer back into the Stealthbox®.



STEP 23
Place the right rear door's sill plate back into place, from **STEP 13**.

STEP 24
Place the flooring back into the vehicle from **STEPS 5&6,** and secure.

STEP 25
Secure the tailgate's bottom sill plate back into place, from **STEP 4**.

STEP 26
Place the false floor back into the vehicle, from **STEP 5**.

STEP 27
Secure the d-pillar cover back into place, from **STEP 12**.

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STEP 28
With a Phillips head screw driver, secure the screw that was remove in **STEP 9**.

The D-ring is not to be remounted.

STEP 29
Secure the c-pillar cover back into place.

With a Phillips head screw driver, secure the screw and the little cover that was removed in **STEP 7**.

STEP 30
With a Phillips head screw driver, secure the screw that was removed in **STEP 9**.

CONGRATULATIONS
You have completed the installation for this model!

Please refer to the Power Recommendation section for an amplifier recommendation and basic set-up help.

INCLUDED HARDWARE

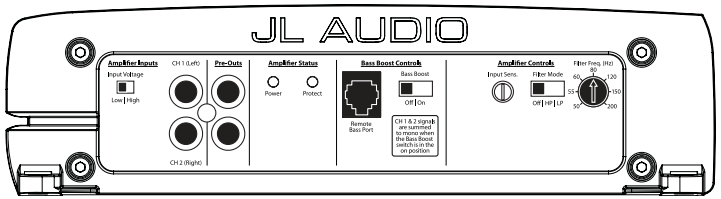
(1) 3/8-inch-16 x 1-inch Hex Tap Bolt
(2) Rod Coupling Nut
(2) 3/8-inch Lock Washer
(2) 3/8-inch-16 x 2-1/4-inch Socket Cup Set Screw
(1) 3/8-inch x 1-1/4-inch Fender Washer
(1) 3/8-inch-16 Hex Nut
(2) 3/8-inch-16 x 2-1/4-inch Socket Cup Set Screw

SPECIFICATIONS

Enclosure Type: Acoustic Suspension (sealed)
Driver Type: 10W1v2
Nominal Impedance: 4 ohms mono
Continuous Power Handling: 150 Watts

POWER RECOMMENDATION

JL Audio recommends using a high quality amplifier such as the JL Audio A2150.
The diagram below shows the recommended crossover, infrasonic filter and equalizer settings for the A2150 when being used to power your Stealthbox®.



The JL Audio A2150 is a very versatile audio component. Please consult the owner's manual for even more detailed information about installing and tuning this amplifier.

MID/HIGH FREQUENCY DRIVER FITMENT

A variety of JL Audio coaxial and component systems will fit in the factory speaker locations of you vehicle.

Front Speaker Size / Location: 3.5-inch / Dash
Fits JL Audio Models: TR350-CXi

Front Speaker Size / Location: 6-inch x 9-inch / Front Doors
Fits JL Audio Models: *TR690-TXi & *VR690-CXi

Rear Speaker Size / Location: 6.5-inch / Rear Door
Fits JL Audio Models: TR650-CXi, VR650-CXi, *XR650-CXi & *C5-650x

*Spacers required for proper speaker installation.

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